

Docket No.: 050389-0065

SEP 13 2007

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Customer Number: 20277  
Yoshiyuki YAMAMOTO, et al. : Confirmation Number: Not Yet Assigned  
Application No.: 10/584,927 : Group Art Unit: Not Yet Assigned  
Filed: July 05, 2006 : Examiner: Not Yet Assigned  
For: SINGLE CRYSTAL DIAMOND

REQUEST FOR OFFICIAL FILING RECEIPT

Mail Stop OFR  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The above-referenced patent application was filed in the U.S. Patent and Trademark Office on July 05, 2006, as evidenced by the attached copies of the return receipt postcard and Transmittal Letter. To date, the undersigned has not received an Official Filing Receipt regarding this application.

It is respectfully requested that the undersigned be furnished with an Official Filing Receipt as soon as possible.

Respectfully submitted,

McDERMOTT WILL & EMERY LLP

*Bernard P. Becker* (Reg. No. 46,429)  
Stephen A. Becker  
Registration No. 26,527

600 13<sup>th</sup> Street, N.W.  
Washington, DC 20005-3096  
Phone: 202.756.8000 SAB:jwp  
Facsimile: 202.756.8087  
**Date: September 13, 2007**

**Please recognize our Customer No. 20277  
as our correspondence address.**

Applicant: Yoshiyuki YAMAMOTO, et al. Docket No. 050389-0065 Serial No. Not Yet Assigned

Title: SINGLE CRYSTAL DIAMOND Patent No. \_\_\_\_\_

Date Sent: 7/5/2006 ☒ Hand Carried ☐ Fax ☐ Electronic ☐ Cert. of Mailing ☐ 1st Class Mail ☐ Express Mail No. \_\_\_\_\_

☒ Transmittal Letter

New Patent App ☐ Utility ☐ Design ☐ CIP ☐ Div. ☒ PCT ☐ RCE ☐ Prov

☐ Other: \_\_\_\_\_ ☐ Letter submitting \_\_\_\_\_ pages of drawings

21 pages of Specification ☐ Req. for Approval of Drawing Amendments

3 pages of Claims ☐ Req. for Oral Hearing

1 pages of Abstract ☐ Not. of Appeal ☐ Appeal Brief ☐ Reply Brief

pages of Formal/Informal Drawings ☐ Rule 312 Amendment/Letter

☐ Small Entity ☒ Large Entity ☐ Req. for Acknowledgement of Cited Art

☒ Declaration/Power of Attorney ☐ Issue Fee

☒ Recordation of Assignment/Security Agreement ☒ PCT/ISA/311

☒ Information Disclosure Statement ☒ Official Filing Receipt of the International Application

1 Form PTO 1449 ☒ PCT/ISA/202

6 References attached ☒ PCT/ISA/210

☒ Preliminary Amendment ☒ PCT/ISA/220

☐ Response to Missing Parts Notice ☒ PCT/ISA/237

☐ Resp. to Notice to Correct App. Papers ☒ PCT/ISA/301

☐ Certified Copy of Priority Doc. ☒ PCT/ISA/304

☐ Claim for Convention Priority

☐ Response/Amendment to Office Action of \_\_\_\_\_

☐ Request for \_\_\_\_\_ month Extension of Time

Check for	\$	<input checked="" type="checkbox"/> Charge Deposit Acct. 500417	\$ 990.00	Atty Init.	AJS	Tkpr. #	4236	Secy. or PL:	SNourse
-----------	----	---	-----------	------------	-----	---------	------	--------------	---------

CMS Descrip.: 1-300.00 31-400.00 32-200.00 4-40.00 3-50.00 EARLY SERIAL NUMBER

THE PATENT AND TRADEMARK OFFICE DATE STAMPED HEREON IS ACKNOWLEDGEMENT THAT THE ITEMS, CHECKED ABOVE, WERE RECEIVED BY THE PTO ON THE DATE STAMPED.

# TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371

050389-0065

U.S. APPLIC. NO. (if known, see 37 CFR 1.5)  
Not Yet AssignedINTERNATIONAL APPLICATION NO  
PCT/JP2005/009688INTERNATIONAL FILING DATE  
May 26, 2005PRIORITY DATE CLAIMED  
November 11, 2004TITLE OF INVENTION  
SINGLE CRYSTAL DIAMOND

## APPLICANTS FOR DO/EO/US


Yoshiyuki YAMAMOTO, Kiichi MEGURO, Takahiro IMAI

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☒ is attached herewith (required only if not transmitted by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not transmitted by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendment has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

## Items 11. to 16. below concern other document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.
18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English translation of the International Application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information.
  - 1) PCT/IB/311
  - 2) Official Filing Receipt of the International Application
  - 3) PCT/ISA/202
  - 4) PCT/ISA/210
  - 5) PCT/ISA/220
  - 6) PCT/ISA/237
  - 7) PCT/IB/301
  - 8) PCT/IB/304

U.S. APPLIC. NO. (if known, see 37 CFR 1.50) Not Yet Assigned		INTERNATIONAL APPLICATION NO. PCT/JP2005/009688		ATTORNEY'S DOCKET NUMBER 050389-0065	
				<b>CALCULATIONS</b>	PTO USE ONLY
21. <input checked="" type="checkbox"/> The following fees are submitted:					
<input checked="" type="checkbox"/> Basic National Stage Fee		\$300		\$300	
22. <input checked="" type="checkbox"/> Examination Fee					
If the written opinion prepared by ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)			\$0	\$200	
All other situations			\$200		
23. <input checked="" type="checkbox"/> Search Fee (37CFR 1.492(b))					
If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)			\$0	\$400	
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority			\$100		
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB			\$400		
All other situations			\$500		
<b>TOTAL OF 21, 22 and 23 =</b>				\$900	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.				\$	
Total Sheets	Extra Sheets	Number of each additional 50 or fraction Thereof (round up to a whole number)	RATE		
-100	/50=		X\$250	\$	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total Claims	21-20 =	1	x \$50.00	\$50.00	
Independent Claims	-3 =		x \$200.00	\$	
Multiple dependent claim(s) (if applicable)			+ \$360.00	\$	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				\$	
<b>SUBTOTAL =</b>				\$900	
Processing fee of \$130.00 for furnishing the English translation later than the 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				+	\$
<b>TOTAL NATIONAL FEE =</b>					
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+	\$40
<b>TOTAL FEES ENCLOSED =</b>				\$990	
				Amount to be refunded	\$
				Amount to be charged	\$990
<p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>500417</u> in the amount of \$990 to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>500417</u>. A duplicate copy of this sheet is enclosed.</p>					
<p><b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b></p>					
<p>SEND ALL CORRESPONDENCE TO:</p> <p>Customer Number 20277</p> <p>Telephone: 202.756.8000</p> <p>Facsimile: 202.756.8087</p>					
			SIGNATURE		
			NAME		
			26,106		
			REGISTRATION NUMBER		